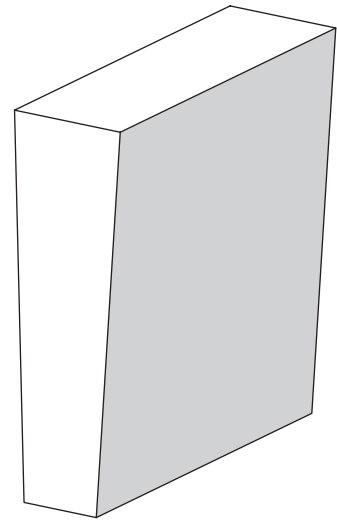


# ALURATH B85AC

High quality brick for  
the aluminium industry



METALS



CERAMICS



GLASS



SPECIAL  
FURNACES



FUELS  
CHEMICALS  
ENERGY

top technology |  
creates confidence

**RATH**

# ALURATH B85AC

## Aluminium-resistant bauxite brick.

Alurath B85AC was customized for applications in the aluminium industry. Guyana-bauxite of high quality is used as basic raw material.

- > Aluminium repellent
- > Good thermal shock resistance
- > High cold crushing strength
- > High bulk density

### Quality attributes

[Information «](#)

Raw base material	Chemical Analysis (EN 955-2; 4) weight %		Bulk density (EN993-1) g/cm <sup>3</sup>	Cold crushing strength (EN 993-5) MPa	Max. application temperature °C
Bauxite	Al <sub>2</sub> O <sub>3</sub>	78	2.94	145	1,230

Alurath B85AC is a dry pressed bonded brick. All standard, but also customized formats, depending on the size and geometry, can be produced.

### Applications of Alurath B85AC

- › Aluminium melting furnace
- › Aluminium holding furnace
- › Aluminium rotary drum melting furnace

### Advantages of a lining with bricks over a monolithic lining

- › No processing defects
- › Simple assembly
- › Quality control process already while production
- › Uncomplicated heating-up procedure
- › Excellent shelf life

### Alurath B85AC makes the difference

- › Guyana-bauxite of high-quality is used
- › Dry pressed chemically bonded
- › Comprehensive range of references
- › Longtime durability

### Rath Services

- › Application consultancy
- › Engineering
- › Manufacturers certificate
- › Production is subject to quality management methods
- › Assembly



# THE RATH GROUP

## OUR SALES OFFICES ALL OVER THE WORLD

AUG. RATH JUN. GMBH  
**Walfischgasse 14**  
**A-1015 Vienna**  
T +43 1 513 44 26-0  
F +43 1 513 44 26-86

---

RATH GMBH  
**Ossietzkystraße 37/38**  
**D-01662 Meissen**  
T +49 3521 46 45-0  
F +49 3521 46 45-86

---

RATH GMBH  
**Krefelder Straße 680-682**  
**D-41066 Moenchengladbach**  
T +49 2161 96 92-0  
F +49 2161 96 92-61

---

RATH HUNGARIA KFT.  
**Porcelán utca 1**  
**H-1106 Budapest**  
T +36 1 433 00 43  
F +36 1 261 90 52

---

RATH ŽÁROTECHNIKA SPOL. SR.O.  
**Vorlesská 290**  
**CZ-544 01 Dvur Králové n. L.**  
T +420 499 32 15 77  
F +420 499 32 10 03

---

RATH POLSKA SP. Z O.O.  
**ul. Budowlanych 11**  
**PL-41 303 Dąbrowa Górnicza**  
T +48 32 268 47 01  
F +48 32 268 47 02

---

RATH UKRAJINA TOW  
**Mariupol, Index 87534, Straße**  
**Gromowoi 63, Office 408**  
T +38 056 785 30 35  
F +38 056 785 30 36

---

RATH USA INC.  
**300 Ruthar Drive Suite 1**  
**Newark, DE 19711**  
T +1 302 294 44 46  
F +1 302 294 44 51

---

RATH GROUP S. DE R.L. DE C.V.  
**Ave. Ruiz Cortines**  
**# 2700-14 Col. La Esperanza**  
**Guadalupe N. L. México, CP 67192**  
T +52 81 14 31 15 90

---

RATH SAS  
**3 rue du Colonel Moll**  
**F-75017 Paris**  
**France**  
T +43 1 513 44 27-0

---



RATH AG  
**Walfischgasse 14**  
**A-1015 Vienna**  
T +43 1 513 44 27-0  
F +43 1 513 44 26-86

---